OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/990,442

DATE: 12/03/2001

TIME: 14:37:07

Input Set : A:\Seq\_\_Listing\_for\_P2730P1C8.wpd

Output Set: N:\CRF3\11212001\1990442.raw



```
<110> APPLICANT: Ashkenazi, Avi J.
              Baker, Kevin P.
      5
              Botstein, David
      6
              Desnoyers, Luc
      7
               Eaton, Dan L.
      8
              Ferrara, Napoleone
      9
              Fong, Sherman
     10
              Gerber, Hanspeter
              Gerritsen, Mary E.
     11
     12
              Goddard, Audrey
     13
              Godowski, Paul J.
     14
              Grimaldi, J. Christopher
     15
              Gurney, Austin L.
     16
              Kljavin, Ivar J.
     17
              Napier, Mary A.
     18
              Pan, James
     19
              Paoni, Nicholas F.
     20
              Roy, Margaret Ann
     21
              Stewart, Timothy A.
     22
              Tumas, Daniel
     23
              Watanabe, Colin K.
     24
              Williams, P. Mickey
              Wood, William I.
              Zhang, Zemin
     26
     28 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
     29
              Acids Encoding the Same
     31 <130> FILE REFERENCE: P2730P1C8
C--> 33 <140> CURRENT APPLICATION NUMBER: US/09/990,442
C--> 33 <141> CURRENT FILING DATE: 2001-11-14
     33 <150> PRIOR APPLICATION NUMBER: 60/049787
     34 <151> PRIOR FILING DATE: 1997-06-16
     36 <150> PRIOR APPLICATION NUMBER: 60/062250
     37 <151> PRIOR FILING DATE: 1997-10-17
     39 <150> PRIOR APPLICATION NUMBER: 60/065186
     40 <151> PRIOR FILING DATE: 1997-11-12
     42 <150> PRIOR APPLICATION NUMBER: 60/065311
     43 <151> PRIOR FILING DATE: 1997-11-13
     45 <150> PRIOR APPLICATION NUMBER: 60/066770
     46 <151> PRIOR FILING DATE: 1997-11-24
     48 <150> PRIOR APPLICATION NUMBER: 60/075945
     49 <151> PRIOR FILING DATE: 1998-02-25
     51 <150> PRIOR APPLICATION NUMBER: 60/078910
     52 <151> PRIOR FILING DATE: 1998-03-20
     54 <150> PRIOR APPLICATION NUMBER: 60/083322
     55 <151> PRIOR FILING DATE: 1998-04-28
     57 <150> PRIOR APPLICATION NUMBER: 60/084600
```

58 <151> PRIOR FILING DATE: 1998-05-07

RAW SEQUENCE LISTING

DATE: 12/03/2001

PATENT APPLICATION: US/09/990,442

TIME: 14:37:07

Input Set : A:\Seq\_\_Listing\_for\_P2730P1C8.wpd

Output Set: N:\CRF3\11212001\1990442.raw

- 60 <150> PRIOR APPLICATION NUMBER: 60/087106
- 61 <151> PRIOR FILING DATE: 1998-05-28
- 63 <150> PRIOR APPLICATION NUMBER: 60/087607
- 64 <151> PRIOR FILING DATE: 1998-06-02
- 66 <150> PRIOR APPLICATION NUMBER: 60/087609
- 67 <151> PRIOR FILING DATE: 1998-06-02
- 69 <150> PRIOR APPLICATION NUMBER: 60/087759
- 70 <151> PRIOR FILING DATE: 1998-06-02
- 72 <150> PRIOR APPLICATION NUMBER: 60/087827
- 73 <151> PRIOR FILING DATE: 1998-06-03
- 75 <150> PRIOR APPLICATION NUMBER: 60/088021
- 76 <151> PRIOR FILING DATE: 1998-06-04
- 78 <150> PRIOR APPLICATION NUMBER: 60/088025
- 79 <151> PRIOR FILING DATE: 1998-06-04
- 81 <150> PRIOR APPLICATION NUMBER: 60/088026
- 82 <151> PRIOR FILING DATE: 1998-06-04
- 84 <150> PRIOR APPLICATION NUMBER: 60/088028
- 85 <151> PRIOR FILING DATE: 1998-06-04
- 87 <150> PRIOR APPLICATION NUMBER: 60/088029
- 88 <151> PRIOR FILING DATE: 1998-06-04
- 90 <150> PRIOR APPLICATION NUMBER: 60/088030
- 91 <151> PRIOR FILING DATE: 1998-06-04
- 93 <150> PRIOR APPLICATION NUMBER: 60/088033
- 94 <151> PRIOR FILING DATE: 1998-06-04
- 96 <150> PRIOR APPLICATION NUMBER: 60/088326
- 97 <151> PRIOR FILING DATE: 1998-06-04
- 99 <150> PRIOR APPLICATION NUMBER: 60/088167
- 100 <151> PRIOR FILING DATE: 1998-06-05
- 102 <150> PRIOR APPLICATION NUMBER: 60/088202
- 103 <151> PRIOR FILING DATE: 1998-06-05
- 105 <150> PRIOR APPLICATION NUMBER: 60/088212
- 106 <151> PRIOR FILING DATE: 1998-06-05
- 108 <150> PRIOR APPLICATION NUMBER: 60/088217
- 109 <151> PRIOR FILING DATE: 1998-06-05
- 111 <150> PRIOR APPLICATION NUMBER: 60/088655
- 112 <151> PRIOR FILING DATE: 1998-06-09
- 114 <150> PRIOR APPLICATION NUMBER: 60/088734
- 115 <151> PRIOR FILING DATE: 1998-06-10
- 117 <150> PRIOR APPLICATION NUMBER: 60/088738
- 118 <151> PRIOR FILING DATE: 1998-06-10
- 120 <150> PRIOR APPLICATION NUMBER: 60/088742
- 121 <151> PRIOR FILING DATE: 1998-06-10
- 123 <150> PRIOR APPLICATION NUMBER: 60/088810
- 124 <151> PRIOR FILING DATE: 1998-06-10
- 126 <150> PRIOR APPLICATION NUMBER: 60/088824
- 127 <151> PRIOR FILING DATE: 1998-06-10
- 129 <150> PRIOR APPLICATION NUMBER: 60/088826
- 130 <151> PRIOR FILING DATE: 1998-06-10
- 132 <150> PRIOR APPLICATION NUMBER: 60/088858

RAW SEQUENCE LISTING

DATE: 12/03/2001 TIME: 14:37:07

PATENT APPLICATION: US/09/990,442 TIME:

Input Set : A:\Seq\_\_Listing\_for\_P2730P1C8.wpd

Output Set: N:\CRF3\11212001\I990442.raw

- 133 <151> PRIOR FILING DATE: 1998-06-11
- 135 <150> PRIOR APPLICATION NUMBER: 60/088861
- 136 <151> PRIOR FILING DATE: 1998-06-11
- 138 <150> PRIOR APPLICATION NUMBER: 60/088876
- 139 <151> PRIOR FILING DATE: 1998-06-11
- 141 <150> PRIOR APPLICATION NUMBER: 60/089105
- 142 <151> PRIOR FILING DATE: 1998-06-12
- 144 <150> PRIOR APPLICATION NUMBER: 60/089440
- 145 <151> PRIOR FILING DATE: 1998-06-16
- 147 <150> PRIOR APPLICATION NUMBER: 60/089512
- 148 <151> PRIOR FILING DATE: 1998-06-16
- 150 <150> PRIOR APPLICATION NUMBER: 60/089514
- 151 <151> PRIOR FILING DATE: 1998-06-16
- 153 <150> PRIOR APPLICATION NUMBER: 60/089532
- 154 <151> PRIOR FILING DATE: 1998-06-17
- 156 <150> PRIOR APPLICATION NUMBER: 60/089538
- 157 <151> PRIOR FILING DATE: 1998-06-17
- 159 <150> PRIOR APPLICATION NUMBER: 60/089598
- 160 <151> PRIOR FILING DATE: 1998-06-17
- 162 <150> PRIOR APPLICATION NUMBER: 60/089599
- 163 <151> PRIOR FILING DATE: 1998-06-17
- 165 <150> PRIOR APPLICATION NUMBER: 60/089600
- 166 <151> PRIOR FILING DATE: 1998-06-17
- 168 <150> PRIOR APPLICATION NUMBER: 60/089653
- 169 <151> PRIOR FILING DATE: 1998-06-17
- 171 <150> PRIOR APPLICATION NUMBER: 60/089801
- 172 <151> PRIOR FILING DATE: 1998-06-18
- 174 <150> PRIOR APPLICATION NUMBER: 60/089907
- 175 <151> PRIOR FILING DATE: 1998-06-18
- 177 <150> PRIOR APPLICATION NUMBER: 60/089908 178 <151> PRIOR FILING DATE: 1998-06-18
- 180 <150> PRIOR APPLICATION NUMBER: 60/089947
- 100 (150) PRIOR ATTENDANTS 1000 OC 10
- 181 <151> PRIOR FILING DATE: 1998-06-19
- 183 <150> PRIOR APPLICATION NUMBER: 60/089948
- 184 <151> PRIOR FILING DATE: 1998-06-19
- 186 <150> PRIOR APPLICATION NUMBER: 60/089952
- 187 <151> PRIOR FILING DATE: 1998-06-19
- 189 <150> PRIOR APPLICATION NUMBER: 60/090246
- 190 <151> PRIOR FILING DATE: 1998-06-22
- 192 <150> PRIOR APPLICATION NUMBER: 60/090252
- 193 <151> PRIOR FILING DATE: 1998-06-22
- 195 <150> PRIOR APPLICATION NUMBER: 60/090254
- 196 <151> PRIOR FILING DATE: 1998-06-22
- 198 <150> PRIOR APPLICATION NUMBER: 60/090349
- 199 <151> PRIOR FILING DATE: 1998-06-23
- 201 <150> PRIOR APPLICATION NUMBER: 60/090355
- 202 <151> PRIOR FILING DATE: 1998-06-23
- 204 <150> PRIOR APPLICATION NUMBER: 60/090429
- 205 <151> PRIOR FILING DATE: 1998-06-24

RAW SEQUENCE LISTING DATE: 12/03/2001 PATENT APPLICATION: US/09/990,442 TIME: 14:37:07

Input Set : A:\Seq\_Listing\_for\_P2730P1C8.wpd
Output Set: N:\CRF3\11212001\1990442.raw

207 <150> PRIOR APPLICATION NUMBER: 60/090431 208 <151> PRIOR FILING DATE: 1998-06-24 210 <150> PRIOR APPLICATION NUMBER: 60/090435 211 <151> PRIOR FILING DATE: 1998-06-24 213 <150> PRIOR APPLICATION NUMBER: 60/090444 214 <151> PRIOR FILING DATE: 1998-06-24 216 <150> PRIOR APPLICATION NUMBER: 60/090445 217 <151> PRIOR FILING DATE: 1998-06-24 219 <150> PRIOR APPLICATION NUMBER: 60/090472 220 <151> PRIOR FILING DATE: 1998-06-24 222 <150> PRIOR APPLICATION NUMBER: 60/090535 223 <151> PRIOR FILING DATE: 1998-06-24 225 <150> PRIOR APPLICATION NUMBER: 60/090540 226 <151> PRIOR FILING DATE: 1998-06-24 228 <150> PRIOR APPLICATION NUMBER: 60/090542 229 <151> PRIOR FILING DATE: 1998-06-24 231 <150> PRIOR APPLICATION NUMBER: 60/090557 232 <151> PRIOR FILING DATE: 1998-06-24 234 <150> PRIOR APPLICATION NUMBER: 60/090676 235 <151> PRIOR FILING DATE: 1998-06-25 237 <150> PRIOR APPLICATION NUMBER: 60/090678 238 <151> PRIOR FILING DATE: 1998-06-25 240 <150> PRIOR APPLICATION NUMBER: 60/090690 241 <151> PRIOR FILING DATE: 1998-06-25 243 <150> PRIOR APPLICATION NUMBER: 60/090694 244 <151> PRIOR FILING DATE: 1998-06-25 246 <150> PRIOR APPLICATION NUMBER: 60/090695 247 <151> PRIOR FILING DATE: 1998-06-25 249 <150> PRIOR APPLICATION NUMBER: 60/090696 250 <151> PRIOR FILING DATE: 1998-06-25 252 <150> PRIOR APPLICATION NUMBER: 60/090862 253 <151> PRIOR FILING DATE: 1998-06-26 255 <150> PRIOR APPLICATION NUMBER: 60/090863 256 <151> PRIOR FILING DATE: 1998-06-26 258 <150> PRIOR APPLICATION NUMBER: 60/091360 259 <151> PRIOR FILING DATE: 1998-07-01 261 <150> PRIOR APPLICATION NUMBER: 60/091478 262 <151> PRIOR FILING DATE: 1998-07-02 264 <150> PRIOR APPLICATION NUMBER: 60/091544 265 <151> PRIOR FILING DATE: 1998-07-01 267 <150> PRIOR APPLICATION NUMBER: 60/091519 268 <151> PRIOR FILING DATE: 1998-07-02 270 <150> PRIOR APPLICATION NUMBER: 60/091626 271 <151> PRIOR FILING DATE: 1998-07-02 273 <150> PRIOR APPLICATION NUMBER: 60/091633 274 <151> PRIOR FILING DATE: 1998-07-02 276 <150> PRIOR APPLICATION NUMBER: 60/091978 277 <151> PRIOR FILING DATE: 1998-07-07

279 <150> PRIOR APPLICATION NUMBER: 60/091982

RAW SEQUENCE LISTING DATE: 12/03/2001 PATENT APPLICATION: US/09/990,442 TIME: 14:37:07

Input Set : A:\Seq\_Listing\_for\_P2730P1C8.wpd
Output Set: N:\CRF3\11212001\1990442.raw

280 <151> PRIOR FILING DATE: 1998-07-07 282 <150> PRIOR APPLICATION NUMBER: 60/092182 283 <151> PRIOR FILING DATE: 1998-07-09 285 <150> PRIOR APPLICATION NUMBER: 60/092472 286 <151> PRIOR FILING DATE: 1998-07-10 288 <150> PRIOR APPLICATION NUMBER: 60/091628 289 <151> PRIOR FILING DATE: 1998-07-02 291 <150> PRIOR APPLICATION NUMBER: 60/091646 292 <151> PRIOR FILING DATE: 1998-07-02 294 <150> PRIOR APPLICATION NUMBER: 60/091673 295 <151> PRIOR FILING DATE: 1998-07-02 297 <150> PRIOR APPLICATION NUMBER: 60/093339 298 <151> PRIOR FILING DATE: 1998-07-20 300 <150> PRIOR APPLICATION NUMBER: 60/094651 301 <151> PRIOR FILING DATE: 1998-07-30 303 <150> PRIOR APPLICATION NUMBER: 60/095282 304 <151> PRIOR FILING DATE: 1998-08-04 306 <150> PRIOR APPLICATION NUMBER: 60/095285 307 <151> PRIOR FILING DATE: 1998-08-04 309 <150> PRIOR APPLICATION NUMBER: 60/095302 310 <151> PRIOR FILING DATE: 1998-08-04 312 <150> PRIOR APPLICATION NUMBER: 60/095318 313 <151> PRIOR FILING DATE: 1998-08-04 315 <150> PRIOR APPLICATION NUMBER: 60/095321 316 <151> PRIOR FILING DATE: 1998-08-04 318 <150> PRIOR APPLICATION NUMBER: 60/095301 319 <151> PRIOR FILING DATE: 1998-08-04 321 <150> PRIOR APPLICATION NUMBER: 60/095325 322 <151> PRIOR FILING DATE: 1998-08-04 324 <150> PRIOR APPLICATION NUMBER: 60/095916 325 <151> PRIOR FILING DATE: 1998-08-10 327 <150> PRIOR APPLICATION NUMBER: 60/095929 328 <151> PRIOR FILING DATE: 1998-08-10 330 <150> PRIOR APPLICATION NUMBER: 60/096012 331 <151> PRIOR FILING DATE: 1998-08-10 333 <150> PRIOR APPLICATION NUMBER: 60/096143 334 <151> PRIOR FILING DATE: 1998-08-11 336 <150> PRIOR APPLICATION NUMBER: 60/096146 337 <151> PRIOR FILING DATE: 1998-08-11 339 <150> PRIOR APPLICATION NUMBER: 60/096329 340 <151> PRIOR FILING DATE: 1998-08-12 342 <150> PRIOR APPLICATION NUMBER: 60/096757 343 <151> PRIOR FILING DATE: 1998-08-17 345 <150> PRIOR APPLICATION NUMBER: 60/096766 346 <151> PRIOR FILING DATE: 1998-08-17 348 <150> PRIOR APPLICATION NUMBER: 60/096768 349 <151> PRIOR FILING DATE: 1998-08-17 351 <150> PRIOR APPLICATION NUMBER: 60/096773 352 <151> PRIOR FILING DATE: 1998-08-17

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

## **VERIFICATION SUMMARY**

DATE: 12/03/2001 TIME: 14:37:08

PATENT APPLICATION: US/09/990,442 TIM

Input Set : A:\Seq\_Listing\_for\_P2730P1C8.wpd
Output Set: N:\CRF3\11212001\1990442.raw

```
L:33 M:270 C: Current Application Number differs, Replaced Current Application No
L:33 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:1893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:2927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:2931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:2933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:3112 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47
L:3117 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47
L:3122 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47
L:4455 \ M:341 \ W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:4461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:4740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:4746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:4771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:4800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:4831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:4835 \text{ M}:341 \text{ W}: (46) \text{ "n" or "Xaa" used, for SEQ ID$#:77}
L:5850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:5881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:5914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5922 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:5939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:5941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:5943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:5955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:5959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:7597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
```

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/990,442

DATE: 12/03/2001 TIME: 14:37:08

Input Set : A:\Seq\_\_Listing\_for\_P2730P1C8.wpd
Output Set: N:\CRF3\11212001\1990442.raw

```
L:7599 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:7601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:7605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:7823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:139
\tt L:7850~M:341~W:~(46)~"n"~or~"Xaa"~used, for SEQ ID#:140
L:7856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140
L:8139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149
L:8342 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:153
L:8347 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:153
L:8352 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:153
L:10323 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183
L:10328 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183
L:10333 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183
L:10338 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183
L:10343 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183
L:13416 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236
L:13421 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236
L:13426 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236
L:18861 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:342
L:18864 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:342
```